

**Features:**

- Rack19" and tower case
- High frequency switching, transformerless
- Online – double conversion
- Active input PFC filter
- Wide input voltage range (110V-300V)
- Output power factor - 0,9
- Frequency auto-select
- Cold start
- ECO mode – higher efficiency
- LCD menu display
- Internal system bypass
- Selectable low battery voltage level
- Self-test on startup
- Advanced battery management
- Overcurrent protection, low battery voltage protection
- Auto-battery charger in OFF mode
- Fan speed control
- USB communication port,
- Optional EPO socket (emergency power off)
- Auto recovery after mains supply back
- Without internal batteries



**Application:** Telecommunication systems, personal computers, data center , control systems, measuring systems, servers.

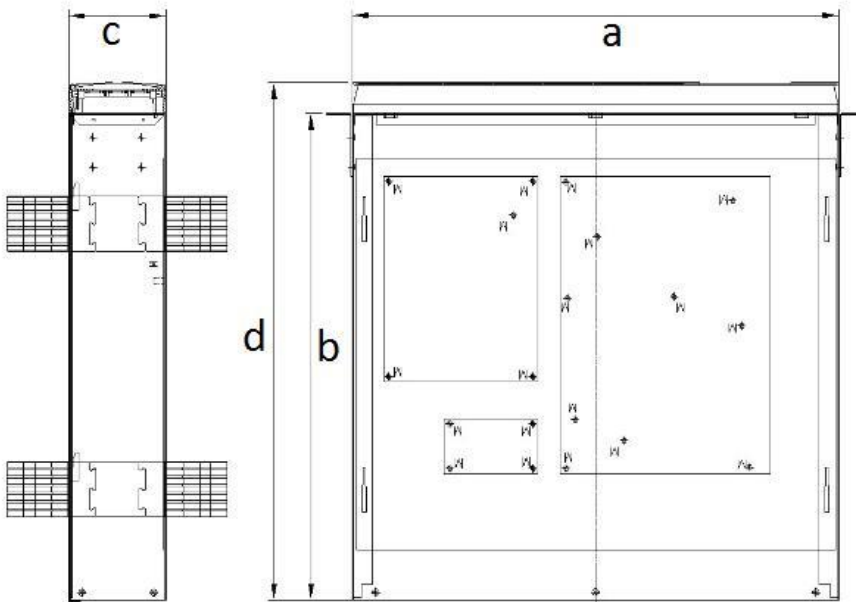
									<b>VFI-SS-111</b>
									

## Technical parameters:

MODEL	RTS11-ON-6k0-3U-LCD-BC192
Output power (apparent/active)	6kVA/5400W
<b>INPUT</b>	
Rated input voltage	230Vac
Input voltage range	Half power (115-295) $\pm$ 5Vac, full power (145-295) $\pm$ 5VAC , 45-55Hz $\pm$ 0,5%Hz
Power factor	$\geq$ 0,99
Bypass voltage range	160V ~ 262Vac
<b>OUTPUT</b>	
Output voltage	208V/220V/230V/240VAC selectable by LCD
Voltage regulation	$\pm$ 1%
Frequency	Synchronized with utility in mains mode, 50/60Hz $\pm$ 0,2Hz in battery mode
Output waveform	Pure sine
Harmonic distortion	$\leq$ 2% (linear load), $\leq$ 5% (non-linear load)
Transfer time	Mains mode to battery mode: 0ms, battery mode to bypass: 4ms (typ.)
Overload capacity	105%-125%: transfer do bypass do 3 min; 125%-150%: transfer do bypass do 30s; >150% transfer do bypass do 100ms
Output sockets	6x IEC C13
<b>EFFICIENCY</b>	
Mains mode/AC	$\geq$ 92%
Battery mode	$\geq$ 91%
ECO mode	$\geq$ 98%
<b>BATTERY</b>	
Working voltage	192V
Configuration	16x12V
Charger current	1A/3A/5A/8A (default 8A)
Backup time (min.) 100%/75%/50%	depend on battery capacity
Typical recharge time	depend on battery capacity
<b>ALARMS</b>	
Utility fault	Beep/4s
Low battery voltage	Beep/1s
Overload	Twice beep/1s
UPS fault	Long beep
<b>ENVIRONMENT</b>	
Humidity	20~90% RH @ 0~40°C (non-condensating)
Noise level	$\leq$ 50 dB (1m)
<b>COMMUNICATIONS</b>	
USB (Standard) /RS-232 option	Support with Windows®98/2000/2003/XP/Vista/2008/Windows®7/Windows®8
SNMP (option)	Power management from SNMP manager and web browser
Emergency OFF	EPO connevotr (N.C. type)

DIMMENSION & WEIGHT	
Weight netto/brutto (kg)	16,4 / 20,7
Lenght/width/height (mm) a/b(d)/c	440 / 555 (575) / 132
Box lenght/width/height (mm)	535 / 660 / 215
STANDARDS	
LVD	EN62040-1:2008
	EN62040-1:2006
EMC compability	EN61000-3-2:2006 + A1:2009 + A2:2009 EN61000-3-3:2013

Technical drawings:



**Standard accessories:**

- battery cables



- USB port



- USB cables



- UPSmart software



- RACK handle



- stand



- user manual

- EPO



- supply cable IEC C19



- supply cable IEC C14 (1szt)



- external battery connector



**Additional accessories (options):**

- RS-232 port



- akumulator MW 7.2-12, MWH 9-12L, MW 12-12, MW 18-12, MW 26-12, MW 33-12, MW 40-12, MW 55-12, MW 65-12h, MW 75-12h, MW 100-12h



- RS-232 cables



- RS-232 -> USB converter



- SNMP card



- AS400 relay dry contact



- supply cable IEC C14

